

SC-HMX20C

High Definition Digital Camcorder quick start guide

Your HD camcorder includes user manual CD and quick start guide(printed).
For more detailed instructions, refer to the user manual(PDF) on the provided CD.

ENG

FRA

SPA

POR

臺灣

中文

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register
your product at

www.samsung.com/global/register

SAMSUNG

getting to know your HD camcorder

WHAT'S INCLUDED WITH YOUR HD CAMCORDER

Your new HD camcorder comes with the following accessories. If any of these items is missing from your box, call Samsung's Customer Care Center.

✱ The exact appearance of each item may vary by model.



Battery pack
(IA-BP85ST)
(AD43-00180E)



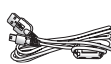
AC power adaptor
(AA-E9 type)
(AD44-00116B)



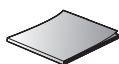
Multi-AV cable
(AD39-00119E)



Component cable
(AD39-00142B)



USB cable
(AD82-00295A)



Quick start guide
(AD82-00324A)



Button type battery
(type: CR2025)
(AD43-10130H)



Remote control
(AD59-00153C)



Cradle
(AD82-00321A)



Software CD
(AD46-00095A)



User manual CD
(AD82-00322A)



Pouch
(AD69-00932A)



Core filters
(AD82-00323A)

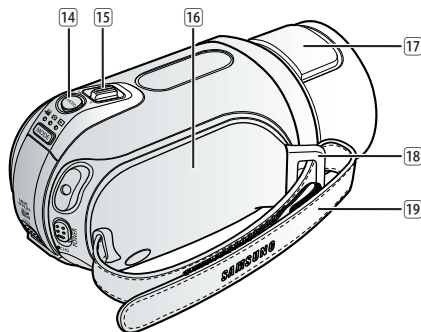
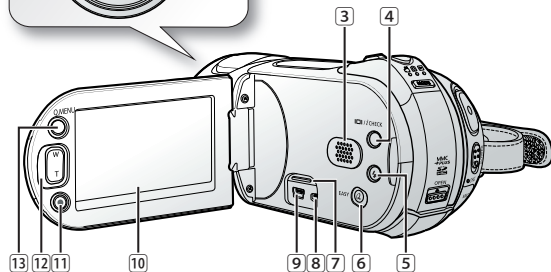
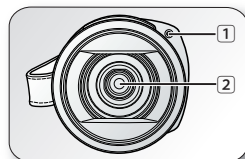


HDMI cable
(Optional)
(MF39-00299A)



- The contents may vary depending on the sales region.
- Parts and accessories are available at your local Samsung dealer.
- To buy this one, contact your nearest Samsung dealer.
- You have to connect the AC power adaptor to the cradle when connecting external devices using the cradle.

FRONT & LEFT VIEW / RIGHT & TOP VIEW



- 1 Recording indicator
- 2 Lens
- 3 Built-in speaker
- 4 Display () / iCHECK button
- 5 Flash () button
- 6 EASY Q button
- 7 Jack cover
- 8 COMPONENT / AV / S-Video (S) jack
- 9 USB jack
- 10 TFT LCD screen (touch panel)
- 11 Recording start/stop button
- 12 Zoom (W/T) button / Remote control sensor
- 13 Q.MENU button

- 14 PHOTO button
- 15 Zoom (W/T) lever
- 16 Swivel handle
- 17 Built-in flash
- 18 Grip belt hook
- 19 Grip belt



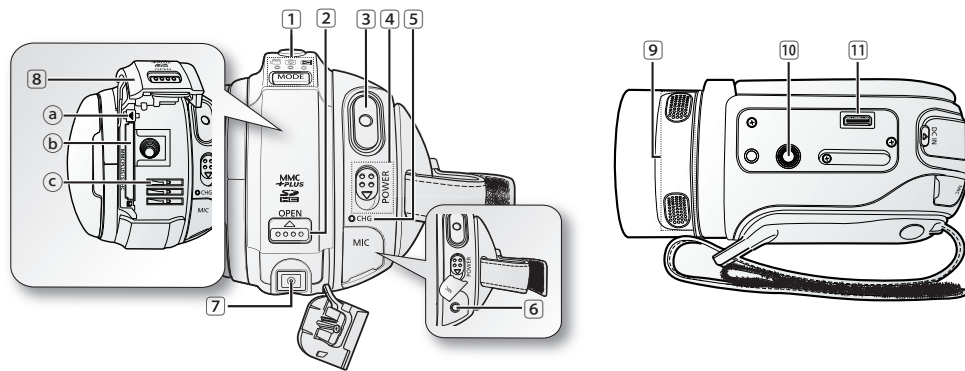
When using the remote control, open the LCD screen and point directly at the remote sensor.



The HDMI jack is on the Cradle.

getting to know your HD camcorder

REAR & BOTTOM VIEW



1 MODE button/Mode indicator
(Movie () / Photo () / Play ()) mode

2 OPEN switch

3 Recording start/stop button

4 POWER switch

5 CHG (charging) indicator

6 MIC (external microphone) jack

7 DC IN jack

8 Battery pack/Memory card cover

a Battery pack release switch

b Memory card slot

c Battery pack slot

9 Internal microphone

10 Tripod receptacle

11 Cradle receptacle

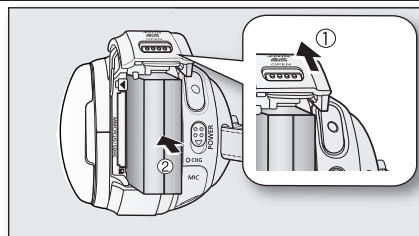
preparation

CHARGING THE BATTERY PACK

- Use the **IA-BP85ST** battery pack only.
- The battery pack may be charged a little at the time of purchase.
- Be sure to charge the battery pack before you start using your HD camcorder.

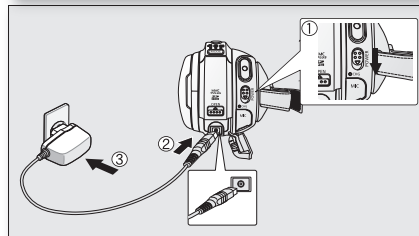
Inserting the battery pack

1. Open the battery pack cover by sliding the **OPEN** switch upward as shown in the figure.
2. Insert the battery pack into the battery pack slot until it softly clicks.
 - Make sure that word mark (SAMSUNG) is facing left while the camcorder is placed as shown in the figure.
3. Close the battery pack cover.



Charging the battery pack

1. Slide the **POWER** switch downward to turn off the power.
2. Open the DC IN jack cover and connect the AC power adaptor to the DC IN jack.
3. Connect the AC power adaptor to a wall socket.
4. Once charged, disconnect the AC power adaptor from the DC IN jack on your HD camcorder.
 - Even with the power switched off, the battery pack will still discharge if it is left inserted in the HD camcorder.



**Charging, recording and playback times with a fully charged battery pack
(with no zoom operation, LCD open, etc.)**

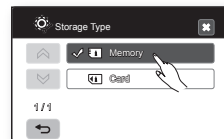
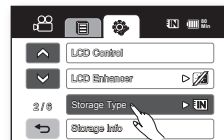
Battery type	IA-BP85ST	
Charging time	approx. 100 min	
Recording format	Continuous recording time	Playback time
HD	approx. 85 min	approx. 120 min
SD	approx. 90 min	approx. 130 min


before recording

SELECTING THE STORAGE MEDIA

- You can record movie and photo images on the built-in memory or a memory card, so you should select the desired storage media before starting recording or playback.
- You can use SDHC and MMCplus cards on your HD camcorder. (Some cards are not compatible depending on the memory card manufacturer and memory card type.)
- Before inserting or ejecting the memory card, turn the HD camcorder off.

1. Touch the Menu (☰) tab.
2. Touch the Settings (⚙️) tab.
3. Touch the up (▲)/down (▼) tab until **"Storage Type"** is displayed.
4. Touch **"Storage Type,"** then the desired storage media.
 - **"Memory"**: When using the built-in memory.
 - **"Card"**: When using the memory card (SDHC or MMCplus card).
5. To exit, Exit (✕) tab or Return (↩️) tab repeatedly until menu disappears.



 **When you insert a memory card, the storage media setup screen appears.**
Touch **"Yes"** if you want to use a memory card, or **"No"** if not.

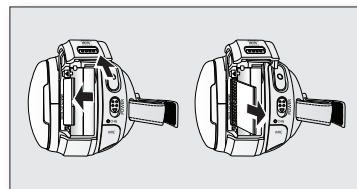
INSERTING/EJECTING A MEMORY CARD

Inserting a memory card

1. Open the memory card cover by sliding the **OPEN** switch upward as shown in the figure.
2. Insert the memory card into the slot until it softly clicks.
 - Make sure that the terminal portion is facing left and the camcorder is placed as shown in the figure.
3. Close the memory card cover.

Ejecting a memory card

1. Open the memory card cover by sliding the **OPEN** switch upward as shown in the figure.
2. Slightly push the memory card inwards to pop it out.
3. Pull the memory card out of the slot and close the memory card cover.

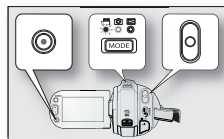


recording

Basic procedures to record a movie or photo image are described below.

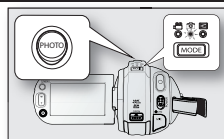
RECORDING MOVIE IMAGES

- Turn the HD camcorder on.
 - Connect a power source to the HD camcorder. (A battery pack or an AC power adaptor)
 - Slide the **POWER** switch downward to turn the HD camcorder on. The lens opens automatically with HD camcorder on.
 - Set the appropriate storage media.
(If you want to record on a memory card, insert the memory card.)
- Check the subject on the LCD screen.
- Press the **Recording start/stop** button.
 - The recording (●) indicator will display, and recording will start.
 - Each touch of Mute tab on the LCD screen toggles Mute on (🔇) and off.
 - Touch (🔇) tab to record movie images without audio.
 - Touch (🔊) tab to record movie images with audio.
 - (🔇) is displayed on the screen when touching the (🔇) tab. This indicator keeps you reminded of the current Mute status until you turn on the audio (by touching the (🔊) tab), or stop recording.
 - When recording with audio, no indicator is displayed.
 - To stop recording, press the **Recording start/stop** button again.
- When recording is finished, turn the HD camcorder off.



TAKING PHOTO IMAGES

- Slide the **POWER** switch downward to turn on the power and press the **MODE** button to set Photo (📷).
 - The lens opens automatically with HD camcorder on.
 - Set the appropriate storage media.
(If you want to record on a memory card, insert the memory card.)
- Check the subject on the LCD screen.
- Press the **PHOTO** button halfway down (half press).
 - The HD camcorder automatically focuses on the subject at the center of screen (when auto focus is selected).
 - When the image is in focus, the (●) indicator is displayed in green.
- Press the **PHOTO** button down fully (full press).
 - A shutter sound is heard. When the (▶▶▶) indicator disappears, the photo image has been recorded.
 - While saving the photo image on the storage media, you cannot proceed with the next recording.



playback

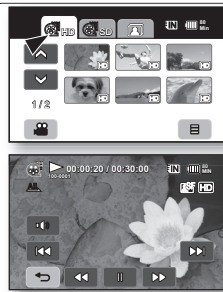
You can view recorded movie and photo images in thumbnail index view and play them in various ways.

CHANGING THE PLAYBACK MODE

- You can set the movie recording, the photo recording and the play mode in turn with the **MODE** button.
- You can switch the play mode to the recording mode in turn by touching the tab on the lower left of the LCD screen.
- The recorded movie and photo images are displayed in thumbnail index view.

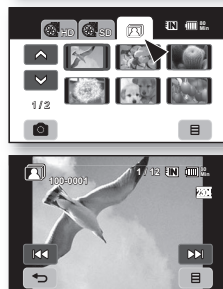
PLAYING MOVIE IMAGES

1. Slide the **POWER** switch downward to turn on the power and press the **MODE** button to set Play (📺).
 - Set the appropriate storage media.
(If you want to play from a memory card, insert the memory card.)
2. Touch HD Movie (📺HD) tab or SD Movie (📺SD) tab.
 - The thumbnail index view appears accordingly.
 - To change the current thumbnail page, touch up (⬆️) or down (⬇️) tab.
3. Touch a desired movie image.
 - The selected movie image is played according to Play Option setting.
 - To stop playback and return to thumbnail index view, touch Return (⏮️) tab.



VIEWING PHOTO IMAGES

1. Slide the **POWER** switch downward to turn on the power and press the **MODE** button to set Play (📺).
 - Set the appropriate storage media.
(If you want to playback images on a memory card, insert the memory card.)
2. Touch Photo (📺) tab.
 - The thumbnail index view appears.
 - To change the current thumbnail page, touch up (⬆️) or down (⬇️) tab.
3. Touch a desired photo image.
4. Touch previous image (⏮️)/next image (⏭️) tab, search for the desired photo image.
 - To view the previous image, touch previous image (⏮️) tab.
 - To view the next image, touch next image (⏭️) tab.
 - Drag your finger from left to right to select the previous image on the LCD screen, reverse to select the next image.
 - Place and hold your finger on the previous image (⏮️)/next image (⏭️) tab to search for an image quickly. Actually the image number is changed during search with images not changed.
5. To return to the thumbnail index view, touch Return (⏮️) tab.



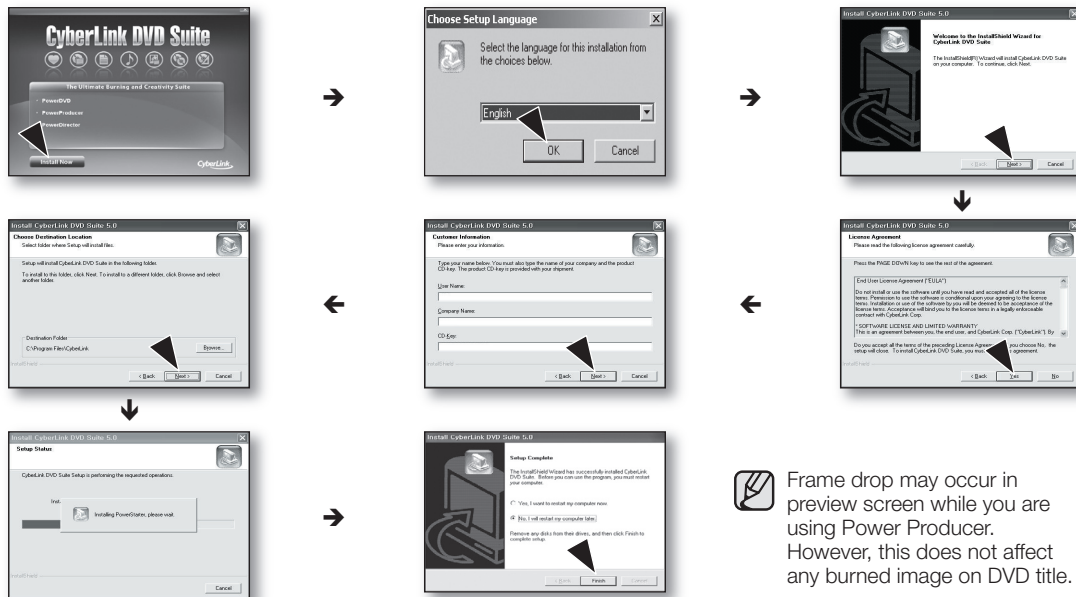
connecting to a PC


INSTALLING THE CyberLink DVD Suite

DVD Suite is software for easily editing MPEG, AVI, and other video files, still images, and other contents for creating a movie.

Before you begin:

Quit any other software you are using. (Check that there are no other application icons on the status bar.)



 Frame drop may occur in preview screen while you are using Power Producer. However, this does not affect any burned image on DVD title.

connecting to a PC

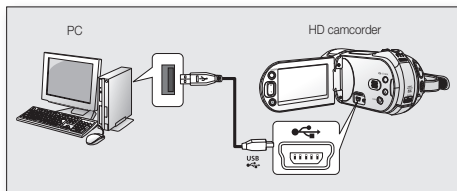
CONNECTING THE USB CABLE

To copy the movie files and photo files to your PC, connect your HD camcorder to the PC with a USB cable.

1. Set the **"USB Connect"** to **"Mass Storage."**
2. Connect the HD camcorder to the PC with a USB cable.



- Don't apply excessive force when inserting or extracting a USB cable into/from a USB jack.
- Insert a USB after checking the direction of its insertion is correct.
- Use the provided USB cable.

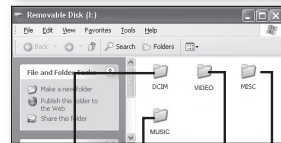
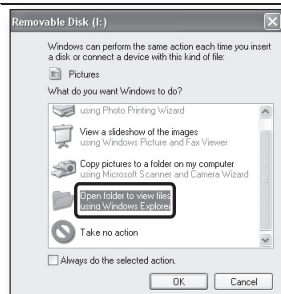


VIEWING THE CONTENTS OF STORAGE MEDIA

1. Slide the **POWER** switch downward to turn the HD camcorder on.
 - Set the **"USB Connect"** to **"Mass Storage."**
(It is set to **"Mass Storage"** by default when you purchase the HD camcorder.)
 - Set the appropriate storage media.
(If you want to record on a memory card, insert the memory card.)
2. Connect the HD camcorder to the PC with a USB cable.
 - The "Removable Disk" or "Samsung" window appears on the PC's screen after a moment.
 - Two removable disks appear when connecting a USB.
The built-in memory is the first recognized drive of two removable discs newly registered in the "My Computer". For example, when (F:) drive and (G:) drive are recognized in the PC, (F:) drive and (G:) drive are the built-in memory and memory card, respectively. You can select the desired memory type.
 - Select "Open folders to view files using Windows Explorer" and click "OK."
3. The folders in the storage media appear.
 - Different file types are stored in different folders.



- If the "Removable Disk" window does not appear, confirm the connection or perform steps 1 and 2 again.
- When the removable disk does not appear automatically, open the removable disk folder of My Computer.



PLAYING BACK THE VIDEO FILES ON YOUR PC

Installing the CyberLink DVD Suite allows your PC to simply back up and playback your video files. Enjoy the high quality of graphics and sound of the videos on your PC screen.

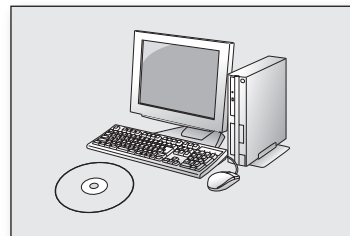
Programs in the DVD Suite Package ↪ page 09

You can playback, edit, and burn a DVD by using the following programs in the DVD Suite software:

- CyberLink Power DVD: plays back the video files recorded to your HD camcorder.
- Power Director: edits the video files copied to a PC.
- Power Producer: burns a DVD with the video files copied to a PC.



- The DVD Suite software is not supported on Macintosh computers.
- For more details on using the programs included in the DVD Suite, refer to "Online help/Readme" on the provided software CD.



Drag & Drop for easy playback

Drag and drop a video file directly onto the PowerDVD main screen and the program will play the file right away! You can play all video files with a file format supported by the PowerDVD and playlist.

1. Click the "CyberLink DVD Suite" icon on the desktop.
 - You can select the program on the Start menu, if the icon is not on the desktop.
 - The "CyberLink DVD Suite" screen appears.
2. On the "Movie Player" menu, select "Watch a AVCHD movie" or "Watch a DVD movie."
 - "PowerDVD" control menu screen appears.
3. Open a folder where your video files are located.
 - Shrink the folder size for convenient drag & drop assignment.
4. Click the desired video file, drag it over to the PowerDVD control menu screen, and then drop it.
5. PowerDVD begins playback.



- If you set the 'MP4' format as Auto Play file, your video files will be played right away when selected.
- For more detailed instructions, refer to the user manual(PDF) provided on the CD.





If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center Samsung Electronics America, inc.

1-800-SAMSUNG (726-7864)
www.samsung.com/us



RoHS compliant

Our product complies with "The Restriction Of the use of certain Hazardous Substances in electrical and electronic equipment", and we do not use the 6 hazardous materials- Cadmium(Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr +6), Poly Brominated Biphenyls (PBBs), Poly Brominated Diphenyl Ethers(PBDEs)- in our products.